

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

APPLICANT
DAGGETT *et al.*

FILING DATE
September 29, 1997

GROUP
Unassigned

U.S. PTO
10/007747
12/07/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation NO YES

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

2	A	George <i>et al.</i> , Current Methods in Sequence Comparison, <i>Macromolecular Sequencing and Synthesis Selected Methods and Applications</i> , Alan R. Liss, Inc., pp. 127-149 (1988)
2	B	Grenningloh <i>et al.</i> , Alpha subunit variants of the human glycine receptor: primary structures, functional expression and chromosomal localization of the corresponding genes, <i>The EMBO J.</i> 9(3): 771-776 (1990)
2	C	Puckett <i>et al.</i> , Molecular cloning and chromosomal localization of one of the human glutamate receptor genes, <i>Proc. Natl. Acad. Sci. U.S.A.</i> 88: 7557-7561 (1991)
2	D	Schofield <i>et al.</i> , Sequence and expression of human GABA _A $\alpha 1$ and $\Delta 1$ subunits, <i>FEBS Lett.</i> 244(2): 361-364 (1989)
2	E	Sun <i>et al.</i> , Molecular cloning, chromosomal mapping, and functional expression of human brain glutamate receptors, <i>Proc. Natl. Acad. Sci. U.S.A.</i> 89:1443-1447 (1992)

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John W. W.

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4-9-99

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Applicant *app*

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>h</i>	A	4	8	3	7	1	4	8	6/6/89	Clegg	435	172.3	10/30/84
<i>h</i>	B	4	8	5	5	2	3	1	8/8/89	Stroman <i>et al.</i>	435	68	9/25/85
<i>h</i>	C	4	8	8	2	2	7	9	11/21/89	Clegg	435	68	10/25/85
<i>h</i>	D	4	9	2	9	5	5	5	5/29/90	Clegg <i>et al.</i>	435	172.3	10/19/87
<i>h</i>	E	5	0	2	4	9	3	9	6/18/91	Gorman	435	69.1	9/25/87
<i>h</i>	F	5	0	2	8	7	0	7	7/2/91	Nichols <i>et al.</i>	546	156	11/20/89
<i>h</i>	G	5	2	0	2	2	5	7	4/13/93	Heinemann <i>et al.</i>	435	252.3	6/21/91
<i>h</i>	H	5	4	0	1	6	2	9	3/28/95	Harpold <i>et al.</i>	435	6	8/7/90
<i>h</i>	I	5	4	0	3	4	8	4	4/4/95	Ladner <i>et al.</i>	435	235.1	1/26/93
<i>h</i>	J	5	4	3	6	1	2	8	7/25/95	Harpold <i>et al.</i>	435	6	1/27/93

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<i>h</i>	K	0	6	0	0	2	7	8	6/8/94	EP A2	-	-		
<i>h</i>	L	0	6	0	6	7	3	4	7/20/94	EP	-	-		
<i>h</i>	M	0	6	7	4	0	0	3	9/27/95	EP	-	-		
<i>h</i>	N	2	2	9	1	6	4	7	1/31/96	GB	-	-		
<i>h</i>	O	6	0	1	4	7	8	3	1/25/94	JP	-	-		
<i>h</i>	P	9	1	0	6	6	4	8	5/16/91	PCT	-	-		
<i>h</i>	Q	9	2	2	3	7	6	9	11/12/92	GB	-	-		
<i>h</i>	R	9	3	0	7	0	2	6	4/2/93	GB	-	-		
<i>h</i>	S	9	3	1	3	4	2	3	7/8/93	PCT	-	-		
<i>h</i>	T	9	3	2	3	5	3	6	11/25/93	PCT	-	-		
<i>h</i>	U	9	3	2	4	6	2	9	12/9/93	PCT	-	-		

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2	V	9	3	2	5	6	7	9	12/23/93	PCT	-	-	.	
2	W	9	4	0	1	0	9	4	1/20/94	PCT	-	-	.	
2	X	9	4	0	4	6	9	8	3/3/94	PCT	-	-	.	
2	Y	9	4	0	6	4	2	8	3/31/94	PCT	-	-		
2	Z	9	4	1	1	5	0	1	5/26/94	PCT	-	-		
2	AA	9	5	2	6	4	0	1	10/5/95	PCT	-	-	.	

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2	AD	Abe <i>et al.</i> , Molecular characterization of a novel metabotropic glutamate receptor mGluR5 coupled to inositol phosphate/ Ca^{2+} signal transduction, <i>J. Biol. Chem.</i> 267:13361-13368 (1992)
2	AE	Albin <i>et al.</i> , Abnormalities of striatal projection neurons and <i>N</i> -methyl-D-aspartate receptors in presymptomatic Huntington's Disease, <i>N. Engl. J. Med.</i> 322(18):1293-1298 (1990)
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2	AI	Beal, Mechanisms of excitotoxicity in neurologic diseases, <i>FASEB J.</i> 6:3338-3344 (1992)
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2	AK	Black <i>et al.</i> , <i>N</i> -methyl-D-aspartate- or glutamate-mediated toxicity in cultured rat cortical rat cortical neurons is antagonized by FPL 15896AR, <i>J. Neurochem.</i> 65:2170-2177 (1995)

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2	AM	Bradford, A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding, <i>Anal. Biochem.</i> 72:248 (1976)
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2	AR	Coyle <i>et al.</i> , Oxidative stress, glutamate, and neurodegenerative disorders, <i>Science</i> 262:689-695 (1993)
2	AS	Daggett <i>et al.</i> , Cloning and functional characterization of three splice variants of the human NMDAR1 receptor, <i>Biophys J.</i> , 36(2):447 (1994)
2	AT	Dascal, The use of <i>Xenopus</i> oocytes for the study of ion channels, <i>CRC Critical Reviews in Biochemistry</i> 22(4):317-387 (1987)
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2	AW	Egebjerg <i>et al.</i> , Intron sequence directs RNA editing of the glutamate receptor subunit GluR2 coding sequence, <i>Proc. Natl. Acad. Sci. USA</i> 91:10270-10274 (1994)
2	AX	Felder <i>et al.</i> , A transfected m1 muscarinic acetylcholine receptor stimulates adenylate cyclase via phosphatidylinositol hydrolysis, <i>J. Biol. Chem.</i> 264:20356-20362 (1989)
2	AY	Fisher and Aronson, Characterization of the cDNA and genomic sequence of a G protein γ subunit (γ_s), <i>Mol. Cell. Bio.</i> 12:1585 (1992)
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2	BD	Greenamyre <i>et al.</i> , Synaptic localization of striatal NMDA, quisqualate and kainate receptors, <i>Neurosci. Lett.</i> 101:133-137 (1989)
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2	BF	Gubler <i>et al.</i> , A simple and very efficient method for generating cDNA libraries, <i>Gene</i> 25:263-269 (1983)
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2	BJ	Hess <i>et al.</i> , Biophysical properties of human NMDA receptors stably expressed in mammalian cells, <i>Soc. Neurosci. Abstr.</i> 21:1-3 (1995)
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2	BL	Hollman <i>et al.</i> , Zinc potentiates agonist-induced currents at certain splice variants of the NMDA receptor, <i>Neuron</i> 10:943-954 (1993)
2	BM	Hollman <i>et al.</i> , Cloned glutamate receptors, <i>Annu. Rev. Neurosci.</i> 17:31-108 (1994)
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BQ	Jones <i>et al.</i> , Characterization of the binding of radioligands to the <i>N</i> -methyl-D-aspartate, phencyclidine, and glycine receptors in buffy coat membranes, <i>J. Pharmacol. Meth.</i> 21:161 (1989)
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BS	Karp <i>et al.</i> , Molecular cloning and chromosomal localization of the key subunit of the human <i>N</i> -methyl-D-aspartate receptor, <i>J. Biol. Chem.</i> 268:3728-3733 (1993)
BT	Kemp <i>et al.</i> , Protein kinase recognition sequence motifs, <i>Trends Biochem. Sci.</i> 15:342-346 (1990)
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BV	Kisselev <i>et al.</i> , Receptor-G protein coupling is established by a conformational switch in the $\beta\gamma$ complex, <i>Proc. Natl. Acad. Sci. USA</i> 92:9102-9106 (1995)
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BZ	Krieg and Melton, Functional messenger RNAs are produced by SP6 <i>in vitro</i> transcription of cloned cDNAs, <i>Nucleic Acids Research</i> 12:7057-7070 (1984)
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CC	Kyte and Doolittle, A simple method for displaying the hydropathic character of a protein, <i>J. Mol. Biol.</i> 157:105 (1982)
CD	Landwehrmeyer <i>et al.</i> , NMDA receptor subunit mRNA expression by projection neurons and interneurons in rat striatum, <i>J. Neurosci.</i> 15(7): 5297-5307 (1995)

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6362-9383C
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2	CE	Le Bourdellès <i>et al.</i> , Cloning, functional coexpression, and pharmacological characterisation of human cDNAs encoding NMDA receptor NR1 and NR2A subunits, <i>J. Neurochem.</i> 62:2091-2098 (1994)
2	CF	Linder and Gilman, G proteins, <i>Scientific American</i> 267:56-65 (1992)
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2	CN	Meldrum, Possible therapeutic applications of antagonists of excitatory amino acid neurotransmitters, <i>Clin. Sci.</i> 68:113-122 (1985)
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2	CP	Minakami <i>et al.</i> , The expression of two splice variants of metabotropic glutamate receptor subtype 5 in the rat brain and neuronal cells during development, <i>J. Neurochem.</i> 65:1536-1542 (1995)
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2	CR	Monyer <i>et al.</i> , Heteromeric NMDA receptors: Molecular and functional distinction of subtypes, <i>Science</i> 256:1217-1221 (1992)
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2	CU	Nakajima <i>et al.</i> , Direct linkage of three tachykinin receptors to stimulation of both phosphatidylinositol hydrolysis and cyclic AMP cascades in transfected Chinese hamster ovary cells, <i>J. Biol. Chem.</i> 267:2437-2442 (1992)
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<i>h</i>	DI	Sanes <i>et al.</i> , Use of a recombinant retrovirus to study post-implantation cell lineage in mouse embryos, <i>EMBO J.</i> 5(12):3133-3142 (1986)
<i>h</i>	DJ	Sanner <i>et al.</i> , NMDA receptor blockade rescues Clarke's and red nucleus neurons after spinal hemisection, <i>J. Neurosci.</i> 14(11):6472-6480 (1995)
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<i>h</i>	DP	Smirnova <i>et al.</i> , Cloning a complementary DNA fragment of human brain kainate receptor, <i>Dokl. Akad. Nauk SSSR</i> 309(3):745-748 (1989)
<i>h</i>	DQ	Smirnova <i>et al.</i> , Characterization of a presynaptic glutamate receptor, <i>Science</i> 262:430-433 (1993)
<i>h</i>	DR	Smirnova <i>et al.</i> , Transsynaptic expression of a presynaptic glutamate receptor during hippocampal long-term potentiation, <i>Science</i> 262:433-436 (1993)
<i>h</i>	DS	Sommer <i>et al.</i> , Glutamate receptor channels: novel properties and new clones, <i>Trends Pharmacol. Sci</i> 13:291-296 (1992)
<i>h</i>	DT	Steiner <i>et al.</i> , Radioimmunoassay for cyclic nucleotides, <i>J. Biol. Chem.</i> 247:1106-1113 (1972)
<i>h</i>	DU	Stillman <i>et al.</i> , Replication and supercoiling of simian virus 40 DNA in cell extracts from human cells, <i>Mol. Cell. Biol.</i> 5:2051-2060 (1985)
<i>h</i>	DV	Stühmer, Electrophysiological recording from <i>Xenopus</i> oocytes, <i>Meth. Enzymol.</i> 207:319-339 (1992)
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<i>h</i>	DX	Sugihara <i>et al.</i> , Structures and properties of seven isoforms of the NMDA receptor generated by alternative splicing, <i>Biochem. Biophys. Res. Commun.</i> 185(3):826-832 (1992)

EXAMINER




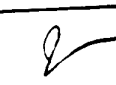
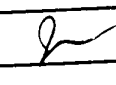
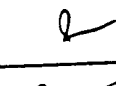

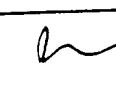

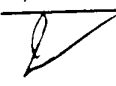
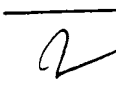
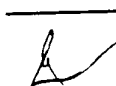
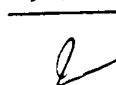
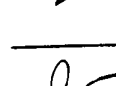
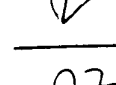
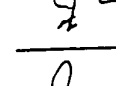
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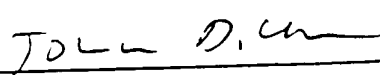
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	DY	Sugiyama <i>et al.</i> , A new type of glutamate receptor linked to inositol phospholipid metabolism, <i>Nature</i> 325:531 (1987)
	DZ	Sullivan <i>et al.</i> , Identification of two cysteine residues that are required for redox modulation of the NMDA subtype of glutamate receptor, <i>Neuron</i> 13:929-936 (1994)
	EA	Takano <i>et al.</i> , Chromosomal localization of the $\epsilon 1$, $\epsilon 3$ and $\zeta 1$ subunit genes of the human NMDA receptor channel, <i>Biochem. Biophys. Res. Commun.</i> 197(2):922-926 (1993)
	EB	Tamir <i>et al.</i> , G-protein $\beta\gamma$ forms: Identity of β and diversity of γ subunits, <i>Biochemistry</i> 30:3929 (1991)
	EC	Tanabe <i>et al.</i> , A family of metabotropic glutamate receptors, <i>Neuron</i> 8:169-179 (1992)
	ED	Tingley <i>et al.</i> , Regulation of NMDA receptor phosphorylation by alternative splicing of the C-terminal domain, <i>Nature</i> 364:70-73 (1993)
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	EF	Urlaub <i>et al.</i> , Effect of gamma rays at the dihydrofolate reductase locus: Deletions and Inversions, <i>Somatic Cell and Mol. Genetics</i> 12(6):555-566 (1986)
	EG	Varney <i>et al.</i> , Stable expression and characterization of recombinant human dimeric NMDA receptor subtypes 1A/2A and 1A/2B in mammalian cells, <i>Soc. Neurosci. Abstr.</i> (1995)
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	EJ	Wafford <i>et al.</i> , Preferential co-assembly of recombinant NMDA receptors composed of three different subunits, <i>NeuroReport</i> 4(12):1347-1349 (1993)
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	EL	Wenzel <i>et al.</i> , Distribution of NMDA receptor subunit proteins NR2A, 2B, 2C, and 2D in rat brain, <i>NeuroReport</i> 7:45-48 (1995)
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	EN	Wong <i>et al.</i> , The anticonvulsant MK-801 is a potent N-methyl-D-aspartate antagonist, <i>Proc. Natl. Acad. Sci. USA</i> 83:7104 (1986)

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